

Substitute for form 1449A/PTO



**INFORMATION  
DISCLOSURE STATEMENT  
BY APPLICANTS**

Sheet 1 of 8

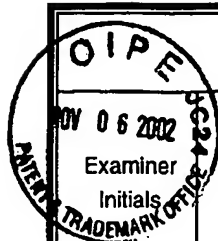
**Complete If Known**

Application Number	10/084,764
Filing Date	February 26, 2002
First Name Inventor	Pirooz Vatan
Group Art Unit	2876
Examiner Name	n/a <i>S. CYRIL</i>
Attorney Docket Number	108-151USAN40

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'l Class / Sub Class
		Number	Kind Code (if known)			
<i>DS</i>		6,223,988 B1		Batterman et al.	05/01/2001	G06K 7/10
		Re: 36,528		Roustaei	01/25/2000	G06K 7/10
		5,988,506		Schabam et al.	11/23/1999	G06K 07/10
		5,986,745		Hermay et al.	11/16/1999	G01B 11/24
		5,872,858		Kamada et al.	02/16/1999	G06K 9/00
		5,859,418		Li et al.	1/12/1999	G06K 7/10
		5,828,050		Barkan	10/27/1998	G06K 7/10
		5,825,803		Labranche et al.	10/20/1998	H01S 3/08
		5,786,582		Roustaei et al.	07/28/1998	G02B 26/08
<i>DS</i>		5,717,221		Li et al.	02/10/1998	G06K 7/10

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Examiner Initials	Serial No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'l Class / Sub Class
		Number	Kind Code (if known)			
JS		5,710,417		Joseph et al.	01/20/1998	G06K 7/10
		5,621,203		Swartz et al.	05/15/1997	G06K 7.10
		5,615,003		Hermery et al.	03/25/1997	G01B 11/24
		5,545,886		Metlitsky et al.	08/13/1996	
		5,532,467		Roustaei	07/02/1996	G06K 7/10
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		5,291,009		Li et al.	02/10/1998	G06K 7/10
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		Number	Kind Code (if known)			
DS		4,979,815		Tsikos	12/25/1990	G01C 3/00
		4,900,907		Matusima et al.	02/13/1990	
		4,826,299		Powell	05/02/1989	G02B 13/18
		• 4,743,773		Katana et al.	05/10/1998	G06K 7/10
		- 4,741,621		Taft et al.	05/03/1988	G01B 11/24
	DS	4,687,325		Corby	08/18/1987	G01C 3/00



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Examiner Initials	Cite No.	Description
DS		Web-based publication entitled "AV3700 Coplanar Illumination Option" by Accu-Sort Systems, Inc., <a href="http://www.accusort.com/products/coplanar.html">www.accusort.com/products/coplanar.html</a> , 1 page.
		Product Brochure for the Accu-Sort AV3700 High Speed CCD Bar Code Reader by Accu-Sort Systems, Inc., Telford, Pennsylvania, March 2000, 2 pages.
		Web-based Product Brochure on Model 120 LIVAAR Short Wave IR Gated Camera Specification, by Intevac Corporation, Santa Clara CA, September 2001, pages 1-2.
		Web-based presentation entitled "NEW LIVAR IMAGERY" by Intevac Corporation, Santa Clara CA, <a href="http://www.intevac.com/livar_imagery/livar_imagery.html">http://www.intevac.com/livar_imagery/livar_imagery.html</a> , 2001, pages 1-9.
		Web-based brochure for Intevac Photonics Division Products- Laser Illuminated Viewing and Ranging (LIVAR) System, Intevac, Inc., <a href="http://www.intevac.com/photonics/products.html">http://www.intevac.com/photonics/products.html</a> , 2001, pages 1-5.
		Web-based brochure entitled "High-Speed, Repetitively Pulsed Ruby Laser Light Source" by Physical Sciences Inc., <a href="http://www.psicvorp.com/html/prod/lasillum.htm">http://www.psicvorp.com/html/prod/lasillum.htm</a> , 2001, pages 1-4.
		Web-based brochure entitled "Collimated Laser Diode Arrays" by INO, Inc., <a href="http://www.ino.qe.ca/en/syst_et_compo/clda.asp">http://www.ino.qe.ca/en/syst_et_compo/clda.asp</a> , 2001, pages 1-2.
		Product Brochure for the Lasiris™ SNF Laser by StockerYale, Salem NH, 2001, pages 1-4.
		Product brochure for DALSA IT-PA Image Sensors, by Dalsa, Inc., 2001pages 1-14.
		Product Specification for "KAF-4202 SERIES Full-Frame CCD Image Sensor Performance Specification" by Eastman Kodak Company, Rochester NY, June 29, 2000, pages 1-15.
		User Manual for the Piranha CT-P4, CL-P4 High Speed Line Scan Camera by Dalsa, Inc., 2000, pages 1-30.
		Product brochure for Sony ICX085AL 2/3-inch Progressive Scan CCD Image Sensor with Square Pixel for B/W Cameras, by Sony Corporation, 2000, pages 1-20.
DS		Product brochure for "ML1XX6 Series for Optical Information Systems" by Mitsubishi Electric, December 1999, pages 1-4.



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DS		Web-based publication entitled "3-D Sensing" by Papadoupoulos, <a href="http://perso.club-internet.fr/dpo/numeerisation3d">http://perso.club-internet.fr/dpo/numeerisation3d</a> , 1995, pages 1-12.
		Scientific publication entitled "Laser triangulation: fundamental uncertainty in distance measurement" by Dorsch et al., Applied Optics, Vol. 33(7), March 1994, pages 442-450.
		Scientific publication entitled "Optical Characterization of the State of Fabric Surfaces" by Marie-Ange Bueno, Bernard Durand and Marc Renner, Optical Engineer 39(6), June 2000, pages 1697-1703.
		Scientific publication entitled "The Use of Diode Laser Collimators for Targeting 3-D Objects" by Clarke et al., Dept. Engineering/City Univ./London, 1994, pages 47-54.
		User Manual for the Hand Held Products Dolphin® 7400 Handheld Computer by Hand Held Products, Inc., 2001, pages 1-90.
		Product brochure for the Minolta VIVID 300 Non-Contact 3-D Digitizer by Minolta Corporation, Ltd., Japan, 2000, pages 1-2.
		Product brochure for the Minolta VIVID 700 Non-Contact 3-D Digitizer by Minolta Corporation, Ltd., Japan, 1997, pages 1-2.
		Web-based product brochure for the Minolta VIVID 900 Non-Contact 3-D Digitizer by Minolta Corporation, Ltd., <a href="http://www.minolta3d.com/products/vi900-en.asp#specs">http://www.minolta3d.com/products/vi900-en.asp#specs</a> , 2001, pages 1-3.
		Minolta Application News entitled "3-D Shape Measurement of Human Face" by Minolta Corporation, Ltd., Japan, 1997, pages 1-2.
		Minolta Application News entitled "Numerical Analysis Simulation Computer Aided Engineering-(CAE)" by Minolta Corporation, Ltd., Japan, 1997, pages 1-2.
		Minolta Application News entitled "Rapid-Prototyping (Stereo Lithography System: STL)" by Minolta Corporation, Ltd., Japan, 1997, pages 1-2.
		Minolta Application News entitled "Rapid-Prototyping (Wood Molding for Vacuum Forming a Package)" by Minolta Corporation, Ltd., Japan, 1997, pages 1-2.
DS		Minolta Application News entitled "Surface Modeling (Reconstruction of NURBS Surface from a Real Model)" by Minolta Corporation, Ltd., Japan, 1997, pages 1-2.



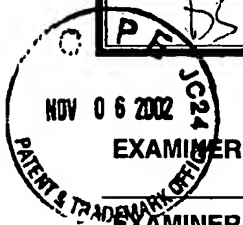
PUBLICATIONS		
Examiner Initials	Cite No.	Description
DS		Scientific Publication entitled "Automatic 3D Face Authentication" by Charles Beumier and Marc Achero, Royal Military Academy, Belgium, February 26, 1999, pages 1-13.
DS		Scientific Publication entitled "Automatic Face Verification from 3D and Grey Level Clues" by Charles Beumier and Marc Achero, Royal Military Academy, pages 1-7.

# FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'l Class / Sub Class	T
	Office	Number	Kind Code (if known)				
DS	PCT	WO 01/22033 A1		Canesta, Inc., Santa Clara, CA	03/29/2001	G01C 3/08	
	PCT	WO 01/71419 A2		Accu-Sort Systems, Inc.; Telford, PA	09/27/2001	G03B	
	PCT	WO 01/72028 A1		Accu-Sort Systems, Inc.; Telford PA	09/27/2001	H04N 1/028	
	US	60/190,273		Thomas J. Brobst	05/29/2001		
	US	WO 99/64980		Symbol Technologies, Holtsville NY	12/16/1999	G06K 7/10	
DS	PCT	WO 99/21252		Honeywell, Inc.; Minneapolis MN	04/29/1999	H01S 3/085	



PUBLICATIONS		
Examiner Initials	Cite No.	Description
PE DS		2002 Search Report for International Application No. PCT/US01/44011



DATE CONSIDERED

10/26/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance not considered. Include copy of this form with next communication to applicant.

(INFORMATION DISCLOSURE STATEMENT – SECTION 9 PTO-1449)